

**ABSTRACT**

The instant invention is directed to a active-over-passive coordinated motion winch designed to be used in combination with a class of existing offshore lifting systems such as A-Frames, booms or cranes to minimize the relative movement between a payload position and a destination position occurring commonly in offshore operations. The configuration of this system allows a remote operated vehicle (ROV) or any other launched load to be firmly captured until it is delivered to the desired destination. The configuration of the system also permits towed loads, such as sonar devices, to closely maintain level tow paths along the sea floor.

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